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Application No.	Applicant(s)	
10/072,625	WINGFIELD, ISAAC	
Examiner	Art Unit	
Man Phan	2616	

Notice of Allowability	Examiner	Art Unit	
	Man Phan	2616	
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication GHTS. This application is subject to	olication. If not include will be mailed in due	ed course. THIS
1. \boxtimes This communication is responsive to <u>the communications to</u>	iled 2/7/2006.		
2. The allowed claim(s) is/are <u>1-39</u> .			
 Acknowledgment is made of a claim for foreign priority unally all blacks and blacks are something. All blacks are something. Certified copies of the priority documents have a copies of the priority documents have a copies of the certified copies of the priority documents have a copies of the certified copies of the priority documents have a copies of the priority documents. 	been received. been received in Application No		tion from the
* Certified copies not received:		•	
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the red	quirements
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give			OTICE OF
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted. (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached			
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date			
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t			back) of
6. DEPOSIT OF and/or INFORMATION about the depo- attached Examiner's comment regarding REQUIREMENT	sit of BIOLOGICAL MATERIAL IN FOR THE DEPOSIT OF BIOLOGICA	nust be submitted. I AL MATERIAL.	Note the
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Attachment(s)	5 DN Good Statement D		0.450)
 Notice of References Cited (PTO-892) Notice of Draftperson's Patent Drawing Review (PTO-948) 	5. ☐ Notice of Informal P6. ☐ Interview Summary	(PTO-413),	J-152)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0	Paper No./Mail Dat 98), 7. ☐ Examiner's Amendn	e nent/Comment	
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit	8. 🛛 Examiner's Stateme		wance
of Biological Material	9. Other		·

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Reasons for allowance

- 1. This communication is in response to applicant's 02/07/2006 amendment in the application of Wingfield for the "Method and apparatus for modifying the rate of MPEG transport streams" filed 02/06/2002. This application claims Priority from Provisional Application 60301232 filed June 26, 2001. The proposed amendment to the claims, and response have been entered and made of record. Claims 1-7, 12-19, 21-38 have been amended. The claims have been amended to better point out and more distinctly claim subject matter comprising the invention.
- 2 Claims 1-39 are allowable as evident by applicant's amendment.
- 3. The following is an examiner's statement of reasons for allowance: The instant application is deemed to be directed to a nonobvious improvement over the invention patented in closest prior arts of record. The improvement comprises the step of maintaining identifiers that identify MPEG packets that can be discarded; altering timing information in the MPEG packets that bear timing information; inserting stuffing packets into the MPEG transport stream when the incoming rate is less than the payload rate, and discarding certain packets from the MPEG stransport stream using at least one of the identifiers when the incoming rate is greater than the payload rate; wherein forwarding any non-discarded MPEG packets and stuffing packets, if any, into a FIFO outputting packets at the payload rate, the forwarding achieved after the altering of timing information; temporarily storing each MPEG packet from the MPEG transport stream in a

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one packet buffer prior to forwarding, and prior to altering, inserting and discarding, waiting until the one-packet buffer contains a complete one of the MPEG packet; wherein the first condition includes the FIFO having less packets than the watermark the instant one packet buffer contains a complete MPEG packet, wherein second includes the FIFO having more packets than the watermark the instant one packet buffer contains a complete MPEG packet; wherein the timing information altering mechanism includes a mechanism to test for packets carrying timing information, the mechanism to test coupled to one packet buffer, a mechanism to determine the amount by which the timing information should be altered, the mechanism to determine coupled to the FIFO, and a mechanism to perform arithmetic on the timing information by the amount, the mechanism to perform coupled to the mechanism to determine, as specifically recited in the claims.

- 4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."
- 5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Man U. Phan whose telephone number is (571) 272-3149. The examiner can normally be reached Monday through Friday from 6:00 am to 3:00 pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Wellington Chin, can be reached on (571) 272-3134. The fax phone number for the

organization where this application or proceeding is assigned is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should

be directed to the Group receptionist whose telephone number is (571) 272-2600.

6. Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. should you have any questions on access to the Private

PAIR system, contact the Electronic Business Center (EBC) at toll free 1-866-217-9197.

MPhan

04/26/2006

PRIMARY EXAMINER